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Attorney Docket No. K06-165049M/TBS 2  
Serial No. 10/743,317  
NGB.347

**AMENDMENTS TO THE CLAIMS:**

Please cancel claims 11-13 without prejudice or disclaimer, and amend the claims as follows:

1. (Currently Amended) A motor-driven power steering apparatus comprising:
  - a drive gear connected to an output shaft of a motor;
  - a follower gear meshed with the drive gear, which is connected to a steering unit;
  - a bearing for supporting one end of the drive gear;
  - a support portion in which the bearing is disposed; and
  - a curved leaf spring comprising a length larger than a peripheral length of the bearing and fitted between the bearing and the support portion in a resiliently deformed state, said curved leaf spring being fitted along an outer peripheral surface of the bearing and an inner surface of the support portion,
    - wherein the curved leaf spring urges the bearing such that a distance between an axis of the follower gear and an axis of the drive gear decreases, and
    - wherein said curved leaf spring contacts said outer peripheral surface of said bearing and substantially a whole intermediate portion of said curved leaf spring except opposite end portions of said curved leaf spring contacts said inner surface of said support portion.
2. (Previously Presented) The apparatus according to claim 1, wherein the support portion includes a recess into which opposite ends of the curved leaf spring are inserted, and which is located distant from an axis of the follower gear with respect to an axis of the drive gear.

Attorney Docket No. K06-165049M/TBS 3

Serial No. 10/743,317

NGB.347

3. (Previously Presented) A motor-driven type power steering apparatus comprising:

a drive gear connected to an output shaft of a motor;

a follower gear meshed with the drive gear, which is connected to a steering unit;

a bearing for supporting one end of the drive gear;

a support portion in which the bearing is disposed; and

a curved leaf spring comprising a length larger than a peripheral length of the bearing and fitted between the bearing and the support portion in a resiliently deformed state,

wherein the curved leaf spring urges the bearing such that a distance between an axis of the follower gear and an axis of the drive gear decreases,

wherein the support portion includes a recess into which opposite ends of the curved leaf spring are inserted, and which is located distant from an axis of the follower gear with respect to an axis of the drive gear,

wherein the curved leaf spring includes an abutment portion formed adjacent to the an end of the curved leaf spring and a bent portion projected outwardly from the abutment portion, the abutment portion abutting against an outer peripheral surface of the bearing and the bent portion being inserted into the recess of the support portion.

4. (Previously Presented) A motor-driven type power steering apparatus comprising:

a drive gear connected to an output shaft of a motor;

a follower gear meshed with the drive gear, which is connected to a steering unit;

a bearing for supporting one end of the drive gear;

a support portion in which the bearing is disposed; and

Attorney Docket No. K06-165049M/TBS 4

Serial No. 10/743,317

NGB.347

a curved leaf spring comprising a length larger than a peripheral length of the bearing and fitted between the bearing and the support portion in a resiliently deformed state, said curved leaf spring being fitted along an outer peripheral surface of the bearing and an inner surface of the support portion,

wherein the curved leaf spring urges the bearing such that a distance between an axis of the follower gear and an axis of the drive gear decreases,

wherein the support portion comprises a hole in which the bearing is disposed and which comprises a substantially oval shape such that a radius between a center of the drive gear and a first side region of the hole which is located distant from the axis of the follower gear with respect to the center is larger than a radius between the center and a second side region which is located close to the axis of the follower gear with respect to the center.

5. (Previously Presented) The apparatus according to claim 1, wherein an end of the drive gear supported by the bearing is distant from the motor with respect to an other end of said drive gear.

6. (Previously Presented) The apparatus according to claim 1, further comprising: a pressing member for pressing the drive gear in a direction away from the motor, wherein the curved leaf spring includes a spring piece portion for pressing the bearing toward the motor.

7. (Previously Presented) The apparatus according to claim 1, wherein said curved leaf spring comprises a strip of spring steel.

Attorney Docket No. K06-165049M/TBS 5  
Serial No. 10/743,317  
NGB.347

8. (Currently Amended) The apparatus according to claim 1, A motor-driven power steering apparatus comprising:

a drive gear connected to an output shaft of a motor;

a follower gear meshed with the drive gear, which is connected to a steering unit;

a bearing for supporting one end of the drive gear;

a support portion in which the bearing is disposed; and

a curved leaf spring comprising a length larger than a peripheral length of the bearing and fitted between the bearing and the support portion in a resiliently deformed state, said curved leaf spring being fitted along an outer peripheral surface of the bearing and an inner surface of the support portion,

wherein the curved leaf spring urges the bearing such that a distance between an axis of the follower gear and an axis of the drive gear decreases.

wherein said curved leaf spring comprises:

a first end having a notch formed thereon; and

a second end having a pair of notches formed thereon, and

wherein the notch on said first end is fitted between the pair of notches on said second end such that said first end and said second end intersect without increasing a width of said curved leaf spring.

9. (Currently Amended) The apparatus according to claim 1, A motor-driven power steering apparatus comprising:

a drive gear connected to an output shaft of a motor;

Attorney Docket No. K06-165049M/TBS 6

Serial No. 10/743,317

NGB.347

a follower gear meshed with the drive gear, which is connected to a steering unit;

a bearing for supporting one end of the drive gear;

a support portion in which the bearing is disposed; and

a curved leaf spring comprising a length larger than a peripheral length of the bearing and fitted between the bearing and the support portion in a resiliently deformed state, said curved leaf spring being fitted along an outer peripheral surface of the bearing and an inner surface of the support portion,

wherein the curved leaf spring urges the bearing such that a distance between an axis of the follower gear and an axis of the drive gear decreases, and

wherein said curved leaf spring comprises at least one spring protrusion formed on a side edge of a curved portion of the curved leaf spring, said at least one spring protrusion urges said bearing toward said motor.

10. (Previously Presented) The apparatus according to claim 9, wherein said at least one spring protrusion project from the curved portion and are inclined inwardly relative to the peripheral surface of the curved portion.

11-13. (Canceled)

14. (Currently Amended) The apparatus according to claim 1, A motor-driven power steering apparatus comprising:

a drive gear connected to an output shaft of a motor;

Attorney Docket No. K06-165049M/TBS 7

Serial No. 10/743,317

NGB.347

a follower gear meshed with the drive gear, which is connected to a steering unit;  
a bearing for supporting one end of the drive gear;  
a support portion in which the bearing is disposed;  
a curved leaf spring comprising a length larger than a peripheral length of the bearing and  
fitted between the bearing and the support portion in a resiliently deformed state, said curved leaf  
spring being fitted along an outer peripheral surface of the bearing and an inner surface of the  
support portion; and  
a cushioning material coated on at least one surface of said curved leaf spring,  
wherein the curved leaf spring urges the bearing such that a distance between an axis of  
the follower gear and an axis of the drive gear decreases, further comprising a  
cushioning material coated on at least one surface of said curved leaf spring.

15. (Currently Amended) The apparatus according to claim 1, further comprising a  
cushioning material coated on an inner surface of said curved leaf spring and an outer surface of  
said curved leaf spring A motor-driven power  
steering apparatus comprising:

a drive gear connected to an output shaft of a motor;  
a follower gear meshed with the drive gear, which is connected to a steering unit;  
a bearing for supporting one end of the drive gear;  
a support portion in which the bearing is disposed; and  
a curved leaf spring comprising a length larger than a peripheral length of the bearing and  
fitted between the bearing and the support portion in a resiliently deformed state, said curved leaf

Attorney Docket No. K06-165049M/TBS 8

Serial No. 10/743,317

NGB.347

spring being fitted along an outer peripheral surface of the bearing and an inner surface of the support portion; and

a cushioning material coated on an inner surface of said curved leaf spring and an outer surface of said curved leaf spring,

wherein the curved leaf spring urges the bearing such that a distance between an axis of the follower gear and an axis of the drive gear decreases.

16. (Previously Presented) The apparatus according to claim 1, wherein said curved leaf spring comprises abutment portions for abutting against the outer peripheral surface of the bearing.

17. (Previously Presented) The apparatus according to claim 16, wherein said abutment portions comprise bent portions projecting outwardly from said abutment portions.

18. (Previously Presented) The apparatus according to claim 1, wherein said curved leaf spring is fitted between the bearing and the support portion such that opposing ends of said curved leaf spring overlap.

19. (Previously Presented) The apparatus according to claim 1, wherein a resilient force of end portions of said curved leaf spring urges said bearing.